

Web Layout in CSS

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives

In this tutorial, we will learn:



Learning Objectives

In this tutorial, we will learn:

- ▶ **Structure the layout of a web page using CSS**



System Requirements

This tutorial is recorded using



System Requirements

This tutorial is recorded using

▶ `Ubuntu Linux OS v 18.04`



System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3



System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5



System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5
- ▶ `gedit` **Text Editor**



System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5
- ▶ gedit **Text Editor**
- ▶ Firefox **Web Browser**



Prerequisite



Prerequisite

- ▶ **You should know to use HTML and CSS**



Prerequisite

- ▶ **You should know to use HTML and CSS**
- ▶ **If not, please go through the HTML and CSS tutorials on <https://spoken-tutorial.org>**



Code Files

- ▶ **The files used in this tutorial are available in the Code Files link on this tutorial page**



Code Files

- ▶ **The files used in this tutorial are available in the Code Files link on this tutorial page**
- ▶ **Please download and extract them**



Code Files

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- ▶ **Please download and extract them**
- ▶ **Make a copy and then use them while practising**



Web Layout

- ▶ **For clarity and easy accessibility the content has to be organised on a web page**



Web Layout

- ▶ **For clarity and easy accessibility the content has to be organised on a web page**
- ▶ **Using CSS we can structure the web layouts as per our requirements**



Web Layout



Web Layout

▶ Header



Web Layout

- ▶ **Header**
- ▶ **Menu Bar**



Web Layout

- ▶ **Header**
- ▶ **Menu Bar**
- ▶ **Content**



Web Layout

- ▶ **Header**
- ▶ **Menu Bar**
- ▶ **Content**
- ▶ **Footer**

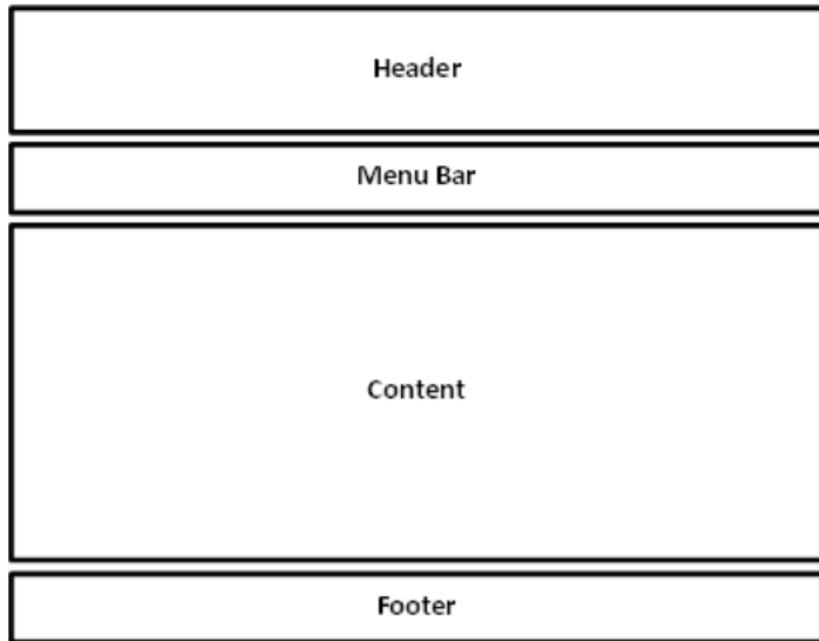


Web Layout

- ▶ **There are many ways to structure our web pages**



Web Layout



Header

- ▶ Header **is placed at the top of the** web page



Header

- ▶ Header **is placed at the top of the** web page
- ▶ **It contains the** title, logo, search bar **etc.**



Menu Bar

- ▶ Menu Bar **consists of** links, **which are used to navigate through the website**



Content

- ▶ **Content is the main section of the web page**



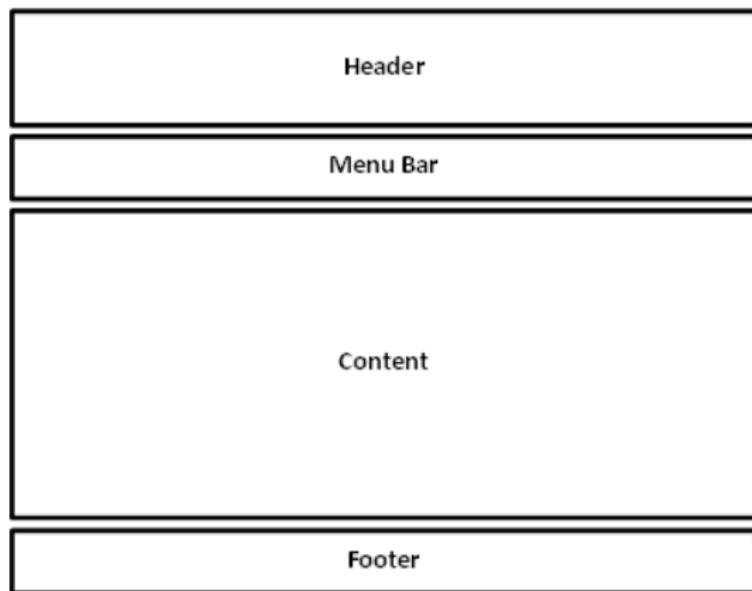
Content

- ▶ Content **is the main section of the** web page
- ▶ **It can be divided into many columns for better readability**



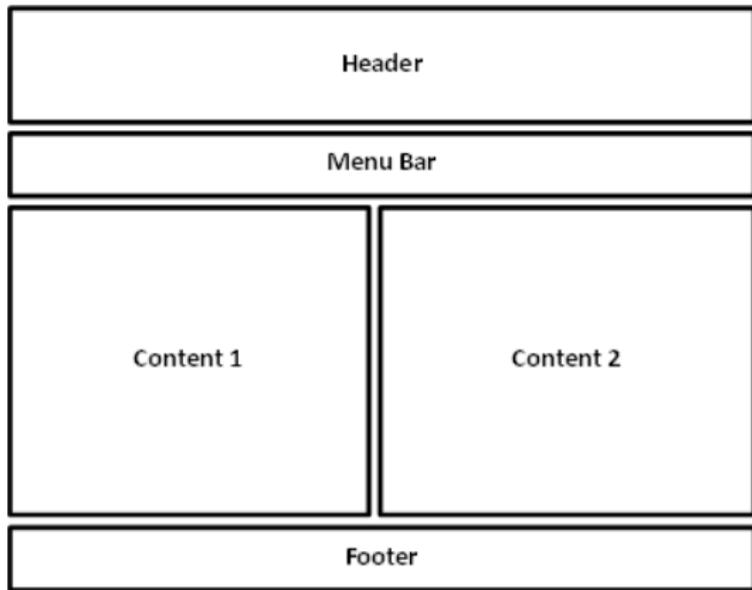
Content

1-column layout: **Mobile Devices**



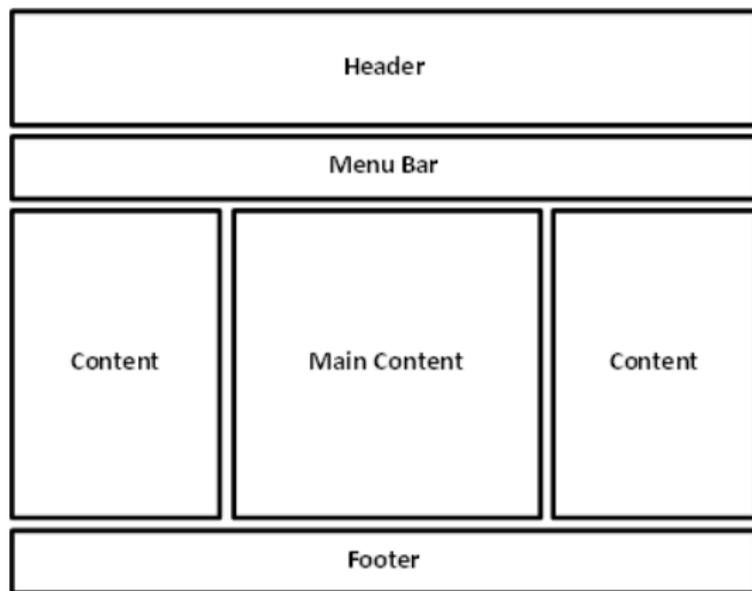
Content

2-column layout: **Tablets & Laptops**



Content

3-column layout: **Desktop**



- ▶ **Footer is placed at the bottom of the web page**



- ▶ Footer **is placed at the bottom of the** web page
- ▶ **It contains details like** copyrights, address **etc.**



Summary

In this tutorial, we have learnt:

- ▶ **Structure the layout of a web page using CSS**



Assignment

- ▶ **Create a file** `layoutpage.html`
- ▶ **Create the following parts:**
 - ▶ Header
 - ▶ Menu Bar
 - ▶ Content:2-columns
 - ▶ Footer



Assignment

- ▶ **Create a file** `layoutstyle.css`
- ▶ **Style all the parts**
- ▶ **Link the** `layoutstyle.css` **file to**
`layoutpage.html` **file**
- ▶ **Observe the output**



About Spoken Tutorial project

- ▶ Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to contact@spoken-tutorial.org



Answers for THIS Spoken Tutorial

- ▶ **Questions in THIS Spoken Tutorial?**
- ▶ **Visit**
<https://forums.spoken-tutorial.org>
- ▶ **Choose the minute and second where you have the question**
- ▶ **Explain your question briefly**
- ▶ **The Spoken Tutorial project will ensure an answer**

You will have to register to ask questions



Acknowledgements

- ▶ **Spoken Tutorial project is funded by Ministry of Education (MoE), Govt. of India**



Thank You

Thanks for joining
<https://spoken-tutorial.org>

